

Page 18, line 21, change "invention" to --device--.

IN THE ABSTRACT OF THE DISCLOSURE

Line 3, change "with an" to --which--;

line 5, change "comprises" to --includes--.

IN THE CLAIMS

Please amend claims 1-15 by rewriting same to read as follows.

--1. (Amended) An acoustic apparatus comprising:

a headphone section [to be] mounted on [the] a user head, having [the] a microphone element for detecting [a] sound around the user and a signal acoustic transducing element [with a function] functioning as a sound source for canceling the sound around the user, housed in a headphone box, [and equipped] with a first output terminal for outputting [the] a microphone audio signal collected by the microphone element and a first input terminal for inputting [the] a cancel audio signal supplied to the signal acoustic transducing element[,]; and

a control circuit section independent from the headphone section, [equipped] with a second input terminal connected to the first output terminal and a second output terminal connected to the first input terminal, and [intended to control] controlling at least [the] frequency characteristics and [the] gain characteristics of the microphone audio signal from the microphone element of the headphone section [inputted] input through the second input terminal, to generate [a] the cancel audio signal [that can serve as a sound source] for canceling the [surrounding] sound around the user, and [to supply] supplying the cancel audio signal to the signal acoustic transducing element of the headphone section through the second output terminal.

--2. (Amended) [An] The acoustic apparatus according to claim 1, wherein the control circuit section [is equipped with a] further comprises recording means for recording the microphone audio signal from the microphone element.

--3. (Amended) [An] The acoustic apparatus according to claim 1, wherein the control circuit section [is equipped

with] further comprises:

means for adding different audio signals to the [canceling] cancel audio [signals by] signal using [the] a signal audio converter element as a sound source [in order to cancel] for canceling the [surrounding] sound around the user.

--4. (Amended) [An] The acoustic apparatus according to claim 1, wherein the control circuit section further comprises:

[a] means for adding different audio signals to the [canceling] cancel audio [signals by] signal using [the] a signal audio converter element as a sound source [in order to cancel] for canceling the [surrounding] sound[,] around the user; and

a remote control [equipment is] configured [so as] to supply remote-control signals for remotely controlling [the] output [device] of the different audio signals [to the] from an output device of the different audio signals.

--5. (Amended) An acoustic apparatus comprising:

a headphone section [to be] mounted [to the] on a user head, having [the] a microphone element for detecting sound around the

user and a signal acoustic transducing element [with a function] functioning as a sound source for canceling the sound around the user, housed in a headphone box, [and equipped] with a first output terminal [equipped] with an adjusting section for adjusting [the] an output of [the] a microphone audio signal collected by the microphone element and a first input terminal for inputting [the] a cancel audio signal supplied to the signal acoustic transducing element, and

a control circuit section independent from the headphone section, [equipped] with a second input terminal connected to the first output terminal and a second output terminal connected to the first input terminal, and [intended to control] controlling at least [the] frequency characteristics and [the] gain characteristics of the microphone audio signal from the microphone element of the headphone section [inputted] input through the second input terminal, to generate [a] the cancel audio signal that can serve as a sound source for canceling the [surrounding] sound around the user, and [to supply] supplying the cancel audio signal to the signal acoustic transducing element of the headphone section through the second output terminal.

--6. (Amended) [An] The acoustic apparatus according to claim 5, wherein an amplifier section is [equipped] included in the headphone box behind the adjusting [means] section for [generating] amplifying the [output] microphone audio signal from the microphone element [serving as a sound source in order to cancel the sound around the user] and for adjusting the [output] microphone audio signal from the microphone element, [and] where gains are controlled by amplifying the [output signals] microphone audio signal.

--7. (Amended) [An] The acoustic apparatus according to claim 5, wherein an amplifier section for [generating] cancel audio signals serving as a sound source for canceling the sound around the user and [an] adjusting means for adjusting [the] an output level of the amplifier section are provided in the headphone box, and gains of the cancel audio signal [signals inputted] input to the signal acoustic transducing element are controlled.

--8. (Amended) [An] The acoustic apparatus according to claim 5, wherein an adjusting section [generates output

signals] adjusts the microphone audio signal from the microphone element that serves as [an] a sound source for canceling the sound around the user and adjusts the [output] microphone audio signal from the microphone element in the headphone box,

said adjusting means having [an] operating means which the user is able to operate from the outside the headphone box, and

an amplifier section for amplifying the [output signals] microphone audio signal adjusted at the adjusting section.

--9. (Amended) An acoustic apparatus [according to the present invention] comprising:

a headphone section [to be] mounted [to the] on a user head, having [the] a microphone element for detecting sound around the user and a signal acoustic transducing element [with a function] functioning as a sound source for canceling the sound around the user, housed in a headphone box, [and equipped] with a first output terminal for outputting [the] a microphone audio signal collected by the microphone element and a first input terminal for inputting [the] a cancel audio signal supplied to the signal acoustic transducing element[,], and

a control circuit section independent from the headphone

section, [equipped] with a second input terminal connected to the first output terminal and a second output terminal connected to the first input terminal, and [intended to control] controlling at least [the] frequency characteristics and [the] gain characteristics of the microphone audio signal from the microphone element of the headphone section [inputted] input through the second input terminal, [the] with said frequency characteristics and gain characteristics being adjusted to achieve [the] a predetermined [ones in the] level at a predetermined frequency between 50 Hz and 1.5 kHz, to generate [a] the cancel audio signal that can [serve as a sound source for canceling] cancel the [surrounding] sound around the user, and [to supply] supplying the cancel audio signal to the signal acoustic transducing element of the headphone section through the second output terminal.

--10. (Amended) An acoustic apparatus [according to the present invention comprises] comprising:

a headphone section [to be] mounted [to the] on a user head, having [the] a microphone element for detecting sound around the user and a signal acoustic transducing element [with a function]

functioning as a sound source for canceling the sound around the user, housed in a headphone box, [and equipped] with a first output terminal for outputting [the] a microphone audio signal collected by the microphone element and a first input terminal for inputting [the] a cancel audio signal supplied to the signal acoustic transducing element[,];

a control circuit section independent from the headphone section, equipped with a second input terminal connected to the first output terminal and a second output terminal connected to the first input terminal, and [intended to control] controlling at least [the] frequency characteristics and [the] gain characteristics of the microphone audio signal from the microphone element of the headphone section [inputted] input through the second input terminal, to generate [a] the cancel audio signal [that can serve as a sound source] for canceling the [surrounding] sound around the user, and [to supply] supplying the cancel audio signal to the signal acoustic transducing element of the headphone section through the second output terminal[,]; and

[a control circuit section in which the] a circuit configuration for canceling the surrounding sound used by the



control circuit section that is of a feed-forward system.

--11. (Amended) An acoustic apparatus [according to the present invention comprises] comprising:

a headphone section [to be] mounted [to the] on a user head, having [the] a microphone element for detecting sound around the user and a signal acoustic transducing element [with a function] functioning as a sound source for canceling the sound around the user, housed in a headphone box, [and equipped] with a first output terminal for outputting [the] a microphone audio signal collected by the microphone element and a first input terminal for inputting [the] a cancel audio signal supplied to the signal acoustic transducing element[,];

a control circuit section independent from the headphone section, [equipped] with a second input terminal connected to the first output terminal and a second output terminal connected to the first input terminal, and [intended to control] controlling at least [the] frequency characteristics and [the] gain characteristics of the microphone audio signal from the microphone element of the headphone section [inputted] input through the second input terminal, to generate [a] the cancel

audio signal [that can serve as a sound source] for canceling the [surrounding] sound around the user, and [to supply] supplying the cancel audio signal to the signal acoustic transducing element of the headphone section through the second terminal[,]; and

[a control circuit section in which the] a circuit configuration for canceling the sound surrounding [sound] the user used by the control circuit section that is of a feedback system.

--12. (Amended) A headphone comprising:

a box for housing a microphone element for detecting [the] sound around [the] a user and a signal acoustic transducing element [equipped with a function] functioning as a sound source for canceling the sound around the user,

an output terminal [of the] for a microphone audio signal whose sound is collected by the microphone element, and an input terminal for a cancel audio [signals] signal supplied to the signal acoustic transducing element.

--13. (Amended) A headphone comprising:

a box for housing a microphone element for detecting [the] sound around [the] a user, a signal acoustic transducing element [equipped with a function] functioning as a sound source for canceling the sound around the user, and an adjusting section for adjusting [the] a cancel amount of the [surrounding] sound[,]  
around the user; and

an output terminal [of the] for a microphone audio signal whose sound is collected by the microphone element, and an input terminal for a cancel audio [signals] signal supplied to the signal acoustic transducing element.

--14. (Amended) [A] The headphone according to claim 13, wherein the adjusting section comprises [a] means for adjusting gains to [output signals] the microphone audio signal from the microphone element.

--15. (Amended) [A] The headphone according to claim 13, wherein the adjusting section comprises [a] means for adjusting gains to the [signal inputted] cancel audio signal input to the signal acoustic transducing element.--